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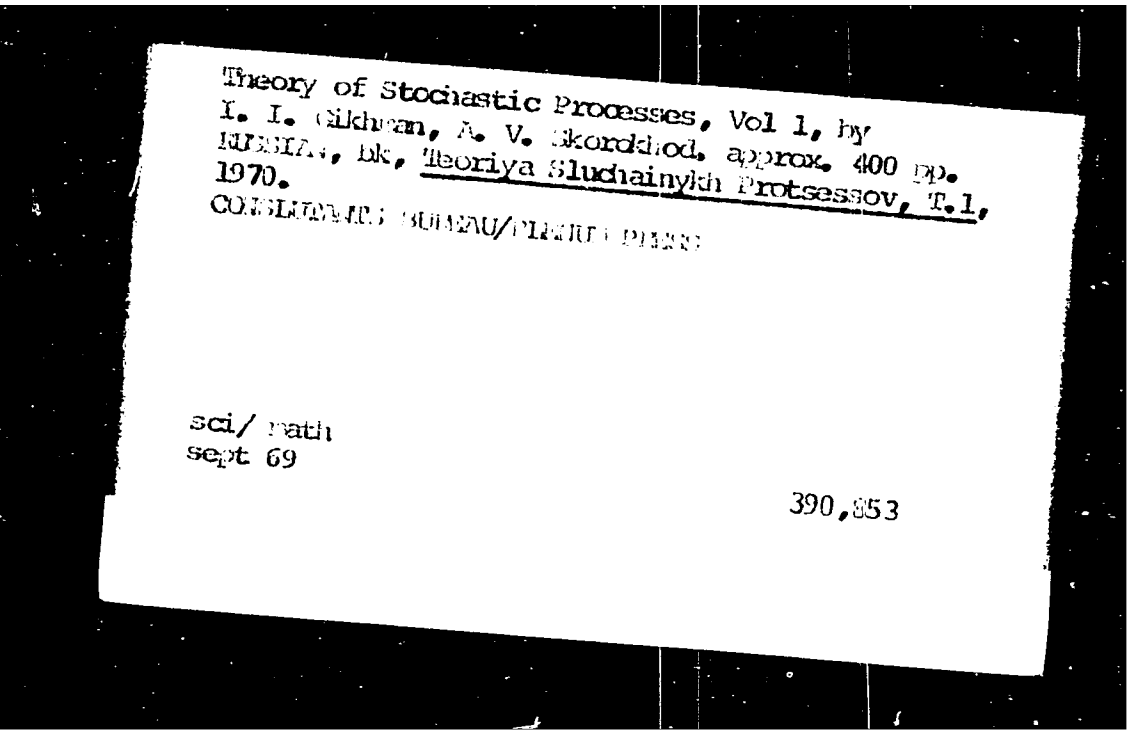


Theory of Stochastic Processes, Vol 1, by
I. I. Gikhman, A. V. Skorokhod, approx. 400 pp.
[illegible], bk, Teoriya Slucheinykh Protsessov, T.1,
1970.
CONSULTANTS BUREAU/PLENUM PRESS

sci/math
sept 69

390,853

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Theory of Random Processes. (Collection of Papers, Issue 1 and 2).
RUSSIAN, bk, Teoriya Sluchainykh Protsessov, 1973.
*IPST

Jan 73

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

The Theory of Jets in Ideal Fluids, by M. I. Gurevich.
RUSSIAN, Mono., Teoriya Strui Ideal'noi Zhidkosti, Moscow, 1961. To be published in 1965.

As per *OTS, Vol 12, No 11

Sci -
Aug 66

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Theory of Viscous-Fluid Jets, by
L. A. Vulis, V. P. Kashkarov, 527 pp.
RUSSIAN, bk, Teoriya Struy Vyazkoy
Zhidkosti, 1965, pp 1-431
P100199568-V
FTD-HT-23-669-67

Sci/Physics
Sep 68

364,204

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

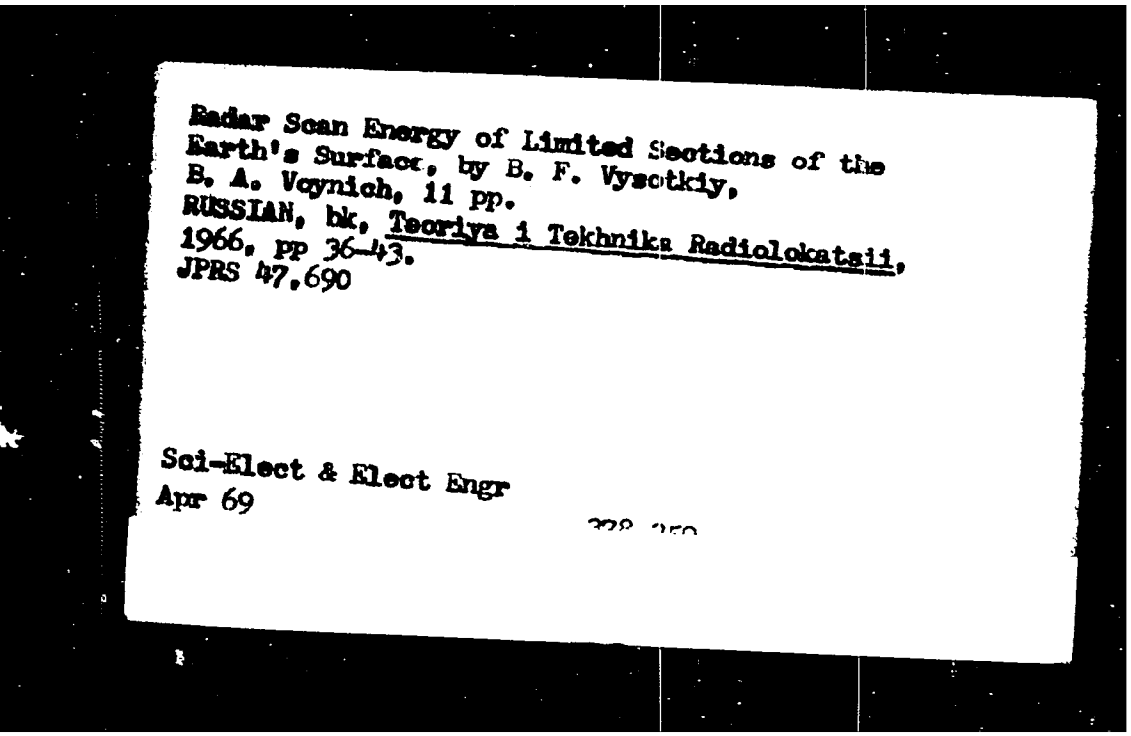
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Theory of Superfluidity, by I. M. Khalatnikov.
approximately 240 pp.
RUSSIAN, bk, Teoriya Sverkhtekuchesti, 1972.
Plenum Press

Sci-Phys
Sep 70

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5



Radar Scan Energy of Limited Sections of the Earth's Surface, by B. F. Vysotkiy, B. A. Voynich, 11 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, 1966, pp 36-43.
JPRS 47,690

Sci-Elect & Elect Engr
Apr 69

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

The Effectiveness of Coherent Radar in the Reception of Partially Coherent Packets, by I. M. Miroshnichenko.
RUSSIAN, per, Teoriya i Tekh Radiolokatsiy, No 1, 1966, pp 97-109.
Dept of Navy APL/JHU T-2225

Sci-Nav
Mar 69

376,336

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Requirements for Component Stability of Coherent-Pulse Radars, by P. A. Bakulev, 15 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, 1966, pp 122-133.
JPRS 47,690

Sci-Elect & Elect Engr 378,360
Apr 69

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

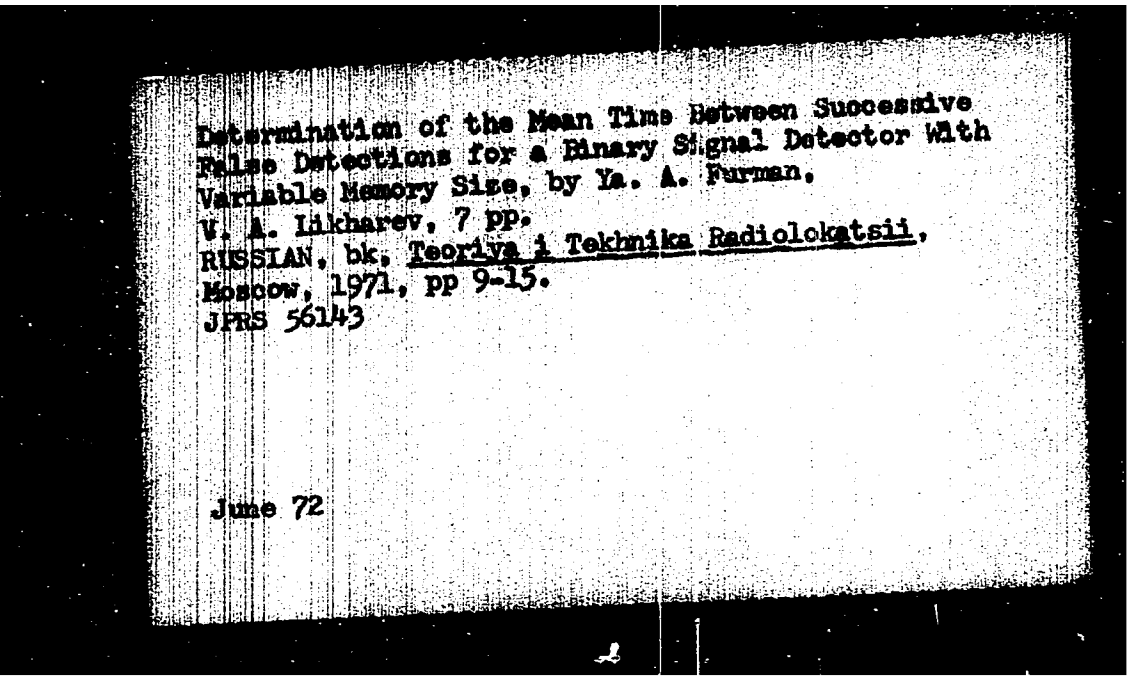
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Time-Amplitude Quantization of Pulsed Radar Signalsm by V. A. Likharev, 6 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 4-9.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5



Determination of the Mean Time Between Successive False Detections for a Binary Signal Detector With Variable Memory Size, by Ya. A. Furman, V. A. Likharev, 7 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 9-15.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Measuring the Angular Position of a Target by Scanning Radar Against a Background of Correlated Noise, by Yu. A. Nifontov, V. A. Likharev, 8 pp. RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 15-22.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

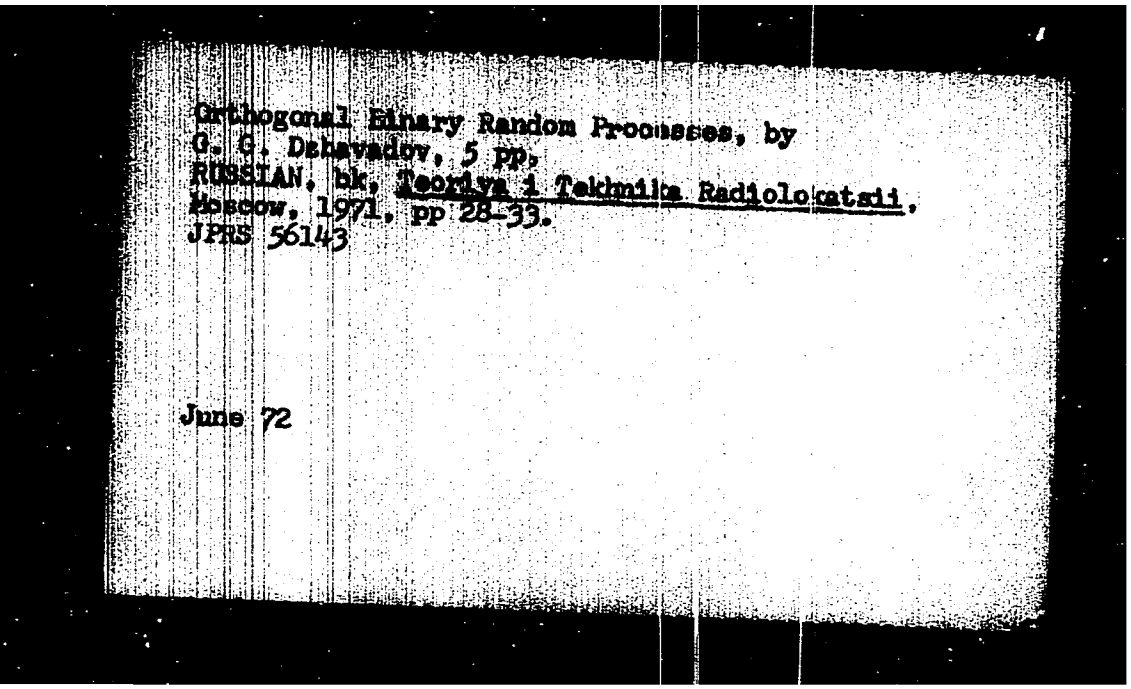
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Estimating the Direction Finding Accuracy of a Scanning Radar Using the Markov Chain Apparatus, by V. A. Likharev, Ya. A. Furman, 6 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 23-28.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

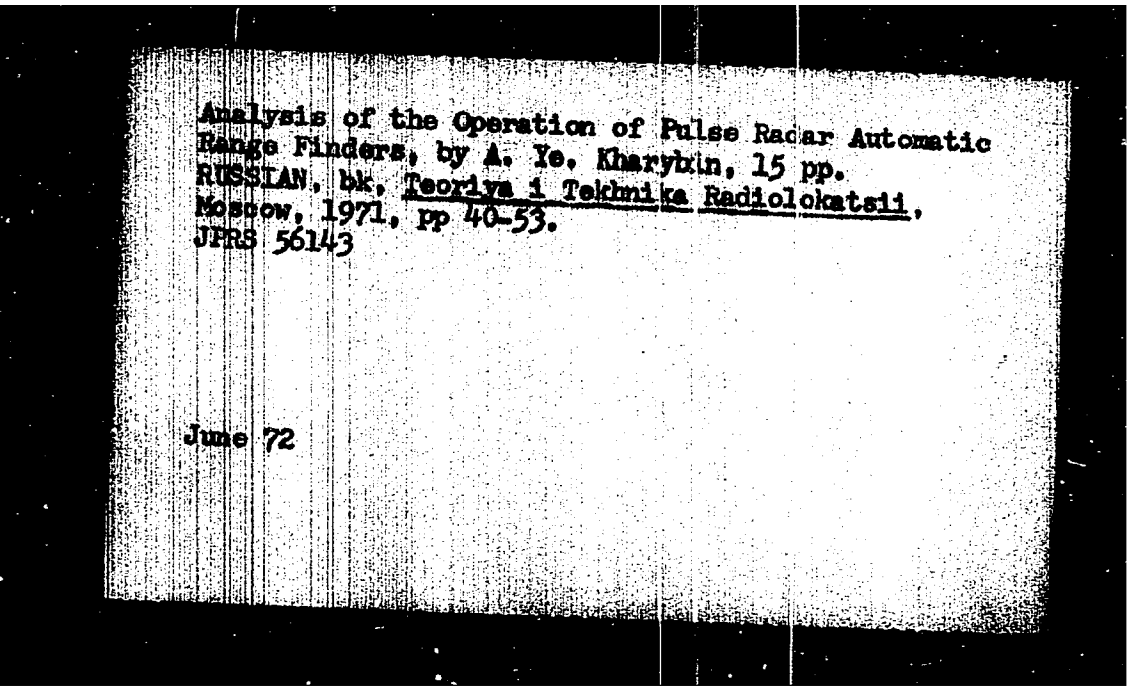


Orthogonal Binary Random Processes, by G. G. Dzhevadov, 5 pp, RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 28-33. JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5



Analysis of the Operation of Pulse Radar Automatic Range Finders, by A. Ye. Kharybin, 15 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 40-53.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

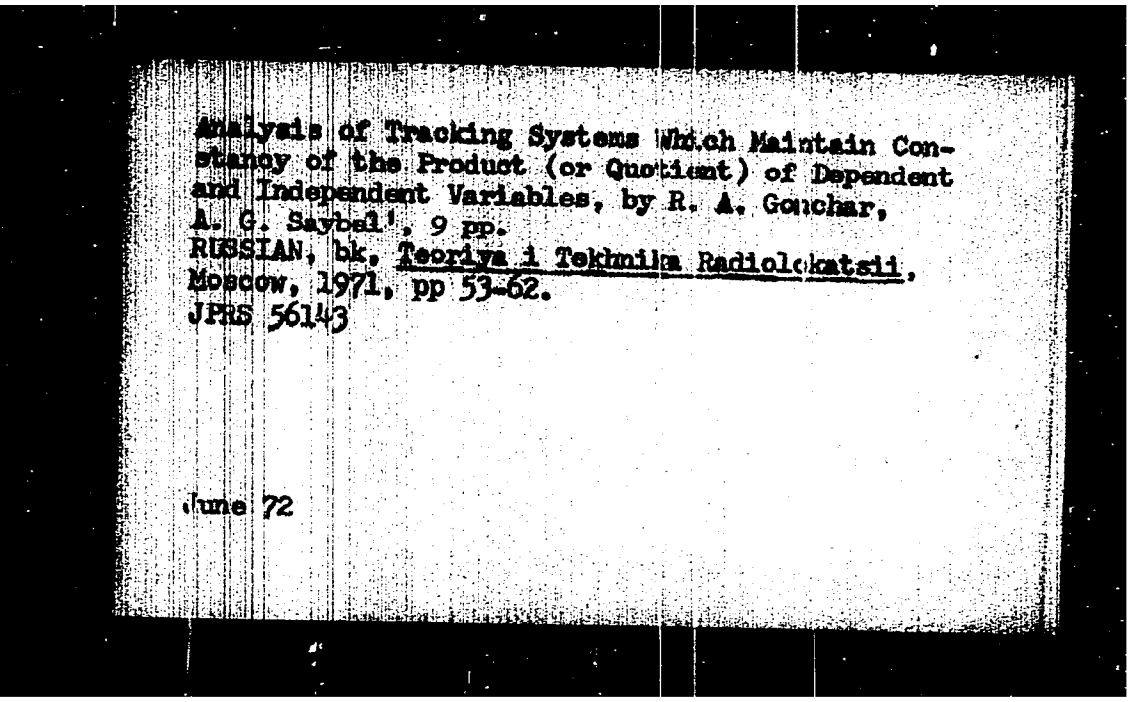
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Spectral-Correlation Characteristics of a Pair of Orthogonal Binary Random Signals, by I. A. Sklyarov, G. G. Dzhavadov, 7 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 40-53.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5



Analysis of Tracking Systems Which Maintain Constancy of the Product (or Quotient) of Dependent and Independent Variables, by R. A. Gonchar, A. G. Saybel', 9 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 53-62.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Analysis of Phase Radio Range Finders With Mutual Automatic Scaling Frequency Control in the Interrogator-Responder, by R. A. Gonchar, A. G. Saybal', 8 pp.
RUSSIAN, bk. Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 62-70.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Statistical Error Analysis of AM Radio Altimeters With Phase Readout, by V. V. Tsvetnov, 26 pp. RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 71-96. JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Effect of the Type of Detection on the Statistical Properties of the Signal in an AM Radio Altimeter With Phase Readout, by V. V. Tsvetnov, 25 pp. RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 96-120.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Statistical Error Analysis of an FM Radio Altimeter With Phase Readout, by Yu. L. Pivovarov, 15 pp. RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 120-133.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Analysis of the Efficiency of Systems for Selecting Moving Targets When Using Interperiod Compensation Devices, by P. A. Bakulev, 5 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 134-138.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Joint Probability Distribution Density of the Amplitude Difference and Phase Difference of the Sum of the Signal and Correlated Noise in Inter-period Substraction Circuits, by P. A. Bakulev, M. B. Tenin, 13 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 138-148.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Probability Distribution Density of the Phase Difference of the Sum of Signal and Correlated Noise, by P. A. Bakulev, 8 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 149-156.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Probability Distribution Density of the Amplitude Difference of the Sum of the Target Signal and Correlated Noise, by P. A. Bukulev, 7 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 156-162.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Problem of Analyzing the Distribution Density of a Process at the Output of an IPC System, by M. B. Temin, 5 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 162-166.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Speed Characteristics of IPC Systems With Intermittent Pulse Repetition Periods, by Yu. A. Korablev, 5 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 167-171.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Detection of a Quasideterministic Signal With Simultaneous Measurement of Its Parameters, by V. G. Valeyev, Yu. G. Sosulin, 21 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 172-189.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Effect of a Priori Information on the Location of an Object on the Quality of Radar Detection, by E. A. Voynich, 8 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 190-197.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

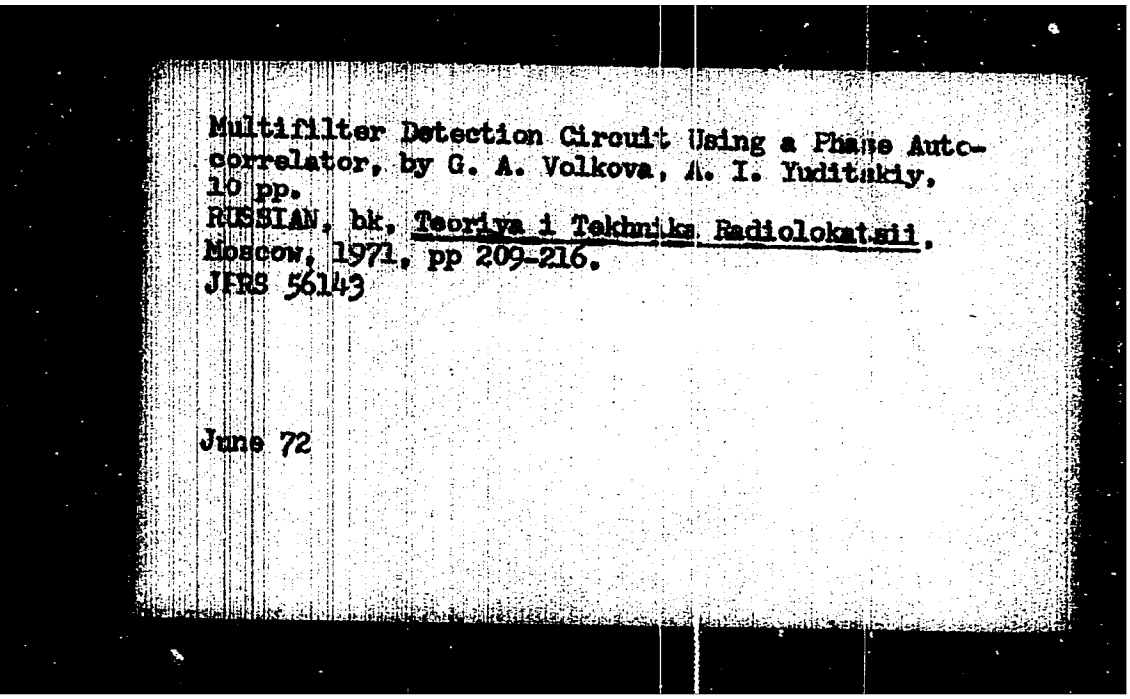
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Detection of Weak Signals in the Optical Wave Range, by S. N. Marova, 13 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 198-208.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5



Multifilter Detection Circuit Using a Phase Autocorrelator, by G. A. Volkova, A. I. Yuditskiy, 10 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 209-216.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

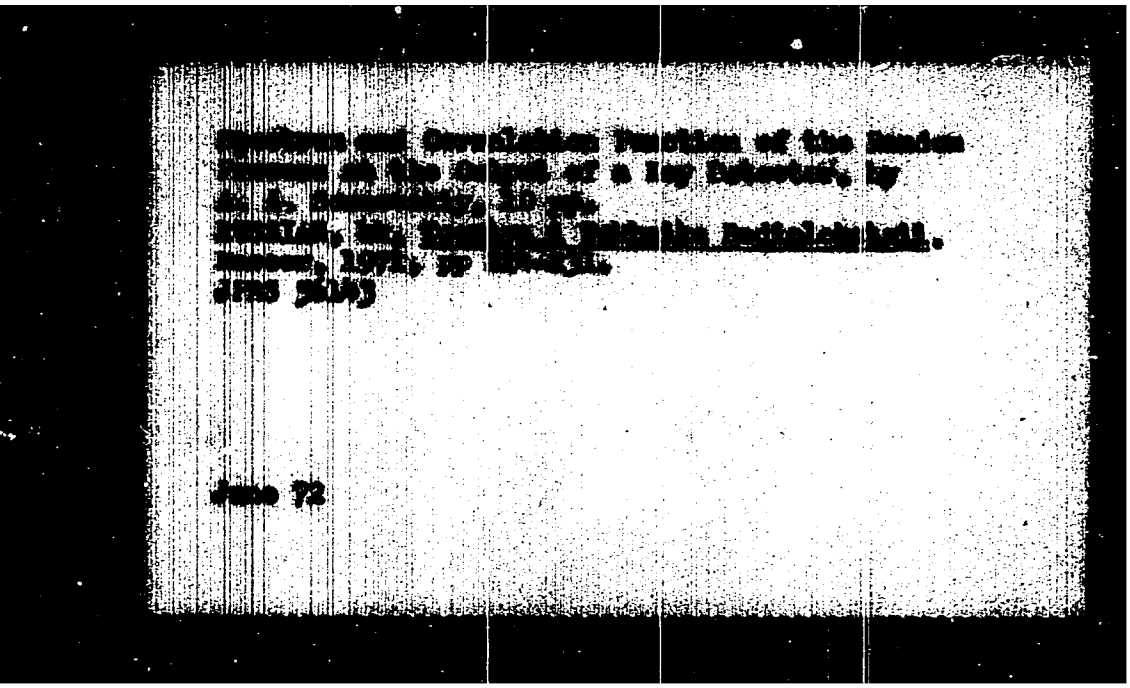
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Determination of the Range to a Tartet by Passive Radar, by O. V. Belavin, 9 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 216-223.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5



APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Period Modulation, by N. V. Chetyrkin, 8 pp.
RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii,
Moscow, 1971, pp 232-239.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Study of Short-Term Instability of the Klystron Frequency in the Millimeter Range, by V. Ya. Pleskin, N. P. Pospelova, 5 pp. RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 239-244. JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Sawtooth Voltage Generator With Short Return Time,
by K.V. Barinov, 5 pp.
RUSSIAN, bk. Teoriya i Tekhnika Radiolokatsii,
Moscow, 1971, pp 244-248.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Three Centimeter Ring Balanced Modulator, by Yu. A. Ostroumov, A. M. Klemant'yev, 13 pp. RUSSIAN, bk, Teoriya i Tekhnika Radiolokatsii, Moscow, 1971, pp 249-262.
JPRS 56143

June 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

The Problem of the Reliability Design of Redundant Logic Systems, by S. M. Brodi and I. V. Safonov. 8 pp.
RUSSIAN, per, Teoriya Tochnosti i Nadezhnosti Kiberneticheskikh sistem. Seminar, No 1, 1967, pp 45-52.
AIR/FTD/MT-24-351-70

Sept 71

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

REQ TR CHECK 18-12-34 ~~BR70-2416~~ T436

Statistical Characteristics of Digital Computer Operation
Zubatenko, A. Ya.; Nemoshkalenko, I.D. et al
Russ: Seminar. Teoriia Tochnosti i Nadezhnosti Kiberneticheskih Sistem. Trudy nr. 2, 1967. (ANUSSR-Nauchnyi Sovet po Kibernetike) pp. 67-101

In press

HC-23-71-354 Req 1/12/71

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Theory of Combustor Processes, by G. F. Knorre, K. K. Arefyev, et al. Vol 1 of 2. 521 pp. RUSSIAN, bk, Teoriya Tqochnykh Portsessov, 1966, pp 1-259.
AD/FTD/MT-23-495-68 Vol 1 of 2

sci/ propulsion and fuels
nov 69

397,260

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Theory of Combustor Processes, by G. F. Knorre, K. K. Andr'yev, et al. Vol 2 of 2. 521 pp. Russian, bk, Teoriya Topochnykh Protsessov, 1966, pp 260-521.
AD/FTD/MT-23-495-68 Vol 2 of 2

sci/ propulsion and fuels
nov 69

397,259

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Theory of Turbulent Plasma, by A. A. Vedenov,
RUSSIAN, bk, Teoriya Turbulentnoi Plazmy, 1965,
pp 1-96.
CFSTI TT 67-51214
NASA TT F-436

Sci-Phys
Feb 67

319,111

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Theory of Unitary Symmetry, by Yu. B. Rumer,
A. I. Fet. appors 320 pp.
RUSSIAN, bk, Teoriya Unitarnoi Simmetrii, 1970.
CONSULTANTS BUREAU/PLENUM PRESS

sci/physics
dec 69 398,603

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

REQUEST TR CHECK 19-1-4 BR 70-12-56

Mechanics of Cosmic Flight
Ponomarev, V.M.
Russ bk: Teoriya Upravleniya Dvizheniyem
Kosmicheskikh Apparatov, 1965, 455 pgs.

In Process
FTD-MT-24-33-70
Jeanne, this was duplicated before but
I think I had the wrong cover.
Rest of book Negative

5934 pp 350-369

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Theory of Control of the Motion of Spacecraft, by V. M. Ponomarev. 348 pp.
RUSSIAN, bk, Teoriya Upravleniya Dvizheniyem Kosmicheskikh Apparatov, 1965, pp 1-176, 231-298, 319-350, 377-455.
AIR/FTD/MT-24-33-70

Sci-Space Tech

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Theory of Traffic Control for Space Vehicles (Chapters IV and VI), by V. M. Ponomarev, 58 pp
RUSSIAN, bk, Teoriya Upravleniya Dvizheniyem Kosmicheskikh Apparatov, 1965, pp 177-318
P100165068-V
FTD-MT-24-369-67

Sci-Nav, Com, Det, Cntrmeasures
Sep 68 364,151

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Control Program for Let-Down from Circular Orbit (And) Control Programs for Atmospheric Re-Entry at Super-Circular Velocity, by V. M. Ponomarev. 20 p.
RUSSIAN, bk, Teoriya Uravleniya Dvizheniem Kosmicheskikh Apparatov, Moscow, 1965, pp 350-369.
SLA TT-66-10460
CIA/FDD X-5734

Sci-Aero
Jul 66

306,180

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

The Theory of Probability: A Historical Sketch, by L. E. Maistrov.
RUSSIAN, bk, Teoriya Veroyatnostei Istoriceskiy Ocerk, 1967.
* Academic Press, Inc.

Sci/misc
May 70

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Probability Theory, Mathematical Statistics, and Theoretical Cybernetics.
RUSSIAN, bk, Teoriya Veroyatnostei, Matematicheskaya Statistika, Teoreticheskaya Kibernetika, 1966, 1967, 1968.
Plenum Press

Sci/Math
June 68

359,343

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Probability Theory, Mathematical Statistics, and Theoretical Cybernetics.
RUSSIAN, bk, Teoriya Veroyatnostei, Matematicheskaya Statistika i Teoreticheskaya Kibernetika, 1968, 1969.
CONSULTANTS BUREAU/PLENUM PRESS

sci/mathem
june 69

384,204

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

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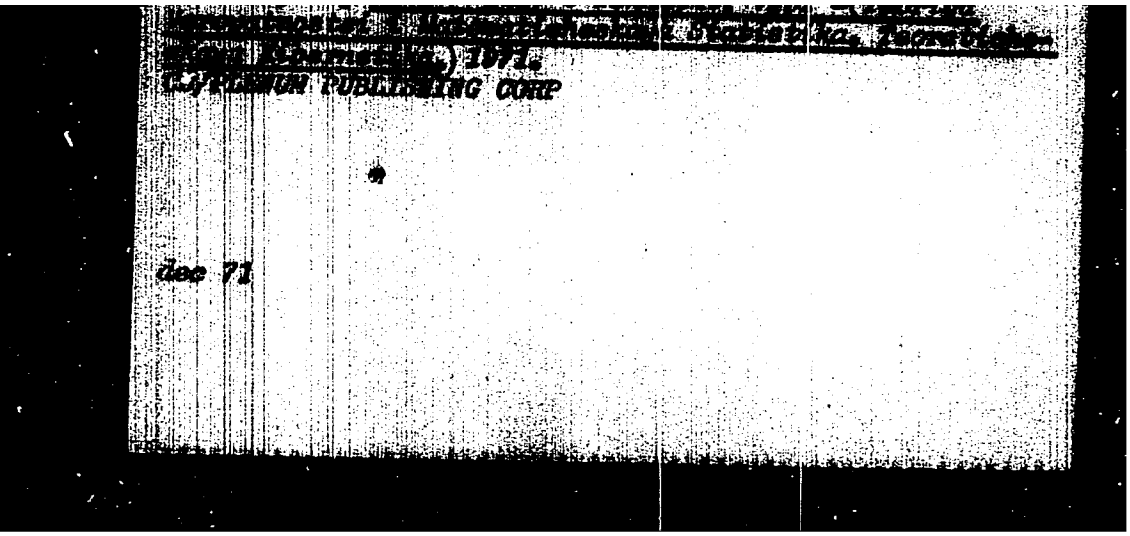

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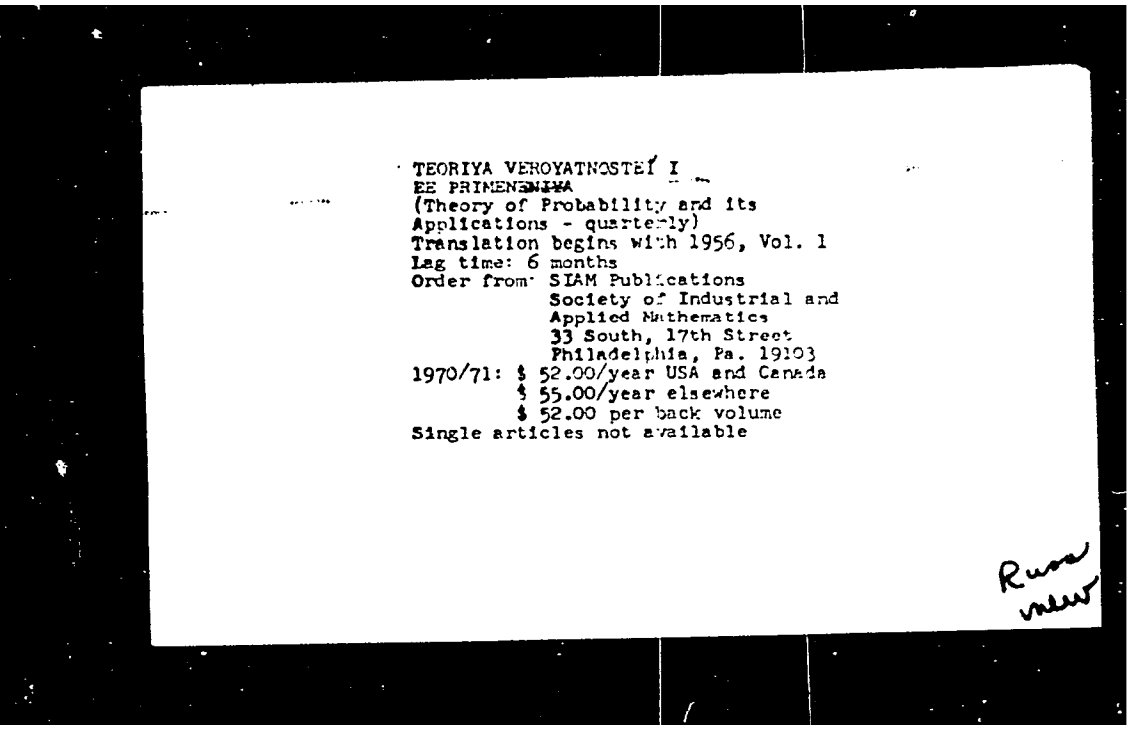

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(Theory of Probability and its
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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

TEORIYA VEROYATNOSTEI I EE PRIMENENIYA, 1965 -
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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Incomplete Exponential Families and Unbiased Minimum-Variance Estimates Part I, A. M. Kagan, V. P. Palamadov. RUSSIAN, per, Teoriya Veroyatnostei i ee Primeneniya, Vol 12, No 1, 1967, pp. 39-49.
NTC 69-11670-12A

Sci-Mat
July 69

386,691

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Theory of Stochastic Processes in Hydrology and River Runoff Regulation, by N. A. Kartvelishvili.
RUSSIAN, bk, Teoriy Veroyatnostnykh Protsessov v Gidrologiy i Regulirovaniy Rechnogo Stoka, 1967, 223pp
CFSTI TT 68-50478

Sci-Ear Sci
Apr 69

380 322

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

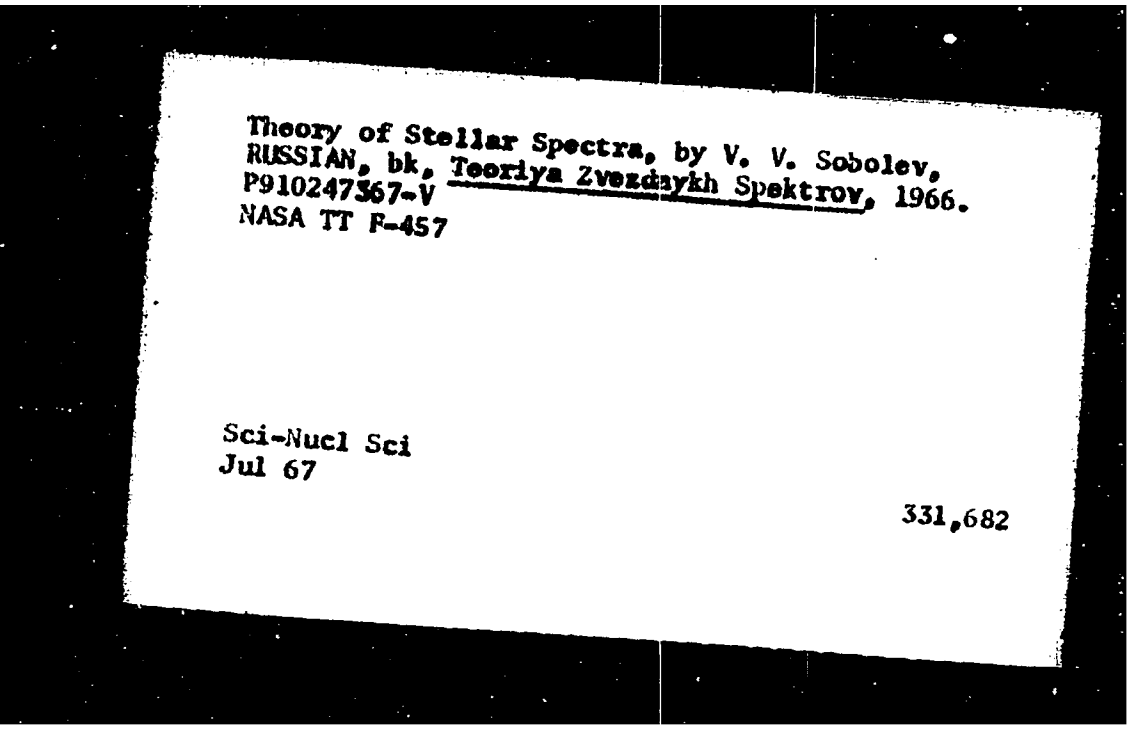
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Theory of Jet Engines, by A. L. Klyachkin. 657 pp.
RUSSIAN, bk, Teoriya Vozdushno-Reaktivnykh Dvigateley.
1969, pp 1-512.
AIR/FTD-MT-24-123-70

may 71

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5



Theory of Stellar Spectra, by V. V. Sobolev,
RUSSIAN, bk, Teoriya Zvezdnykh Spektrov, 1966.
P910247367-V
NASA TT F-457

Sci-Nucl Sci
Jul 67

331,682

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

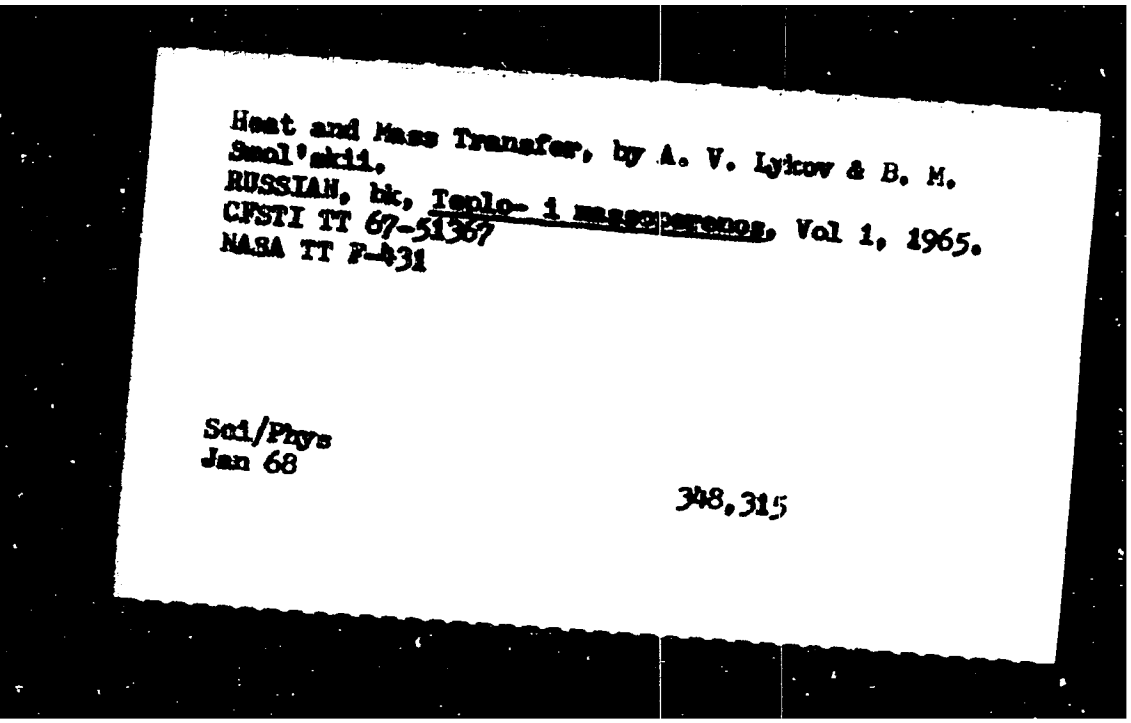
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Heat of the Ground, by I. Dvorov, 12 pp.
RUSSIAN, per. Teplo Zemli,
ACSI-K-0988
FSTC-HT-23-437-72

Mar 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5



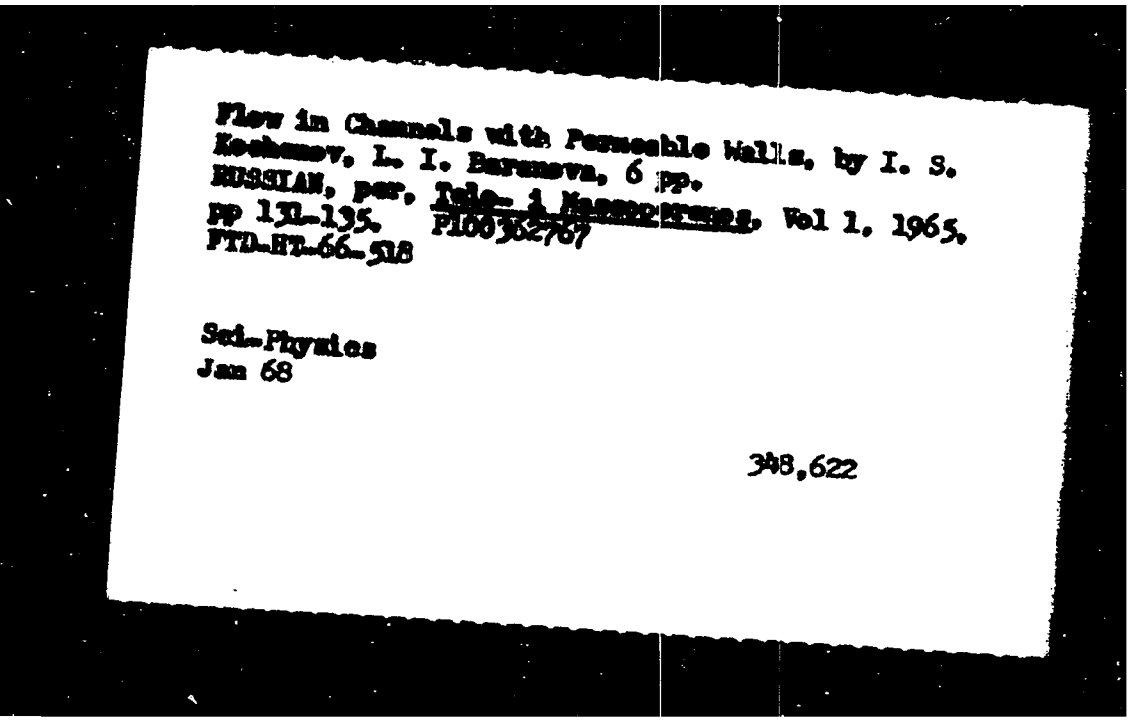
Heat and Mass Transfer, by A. V. Lykov & B. M. Smol'skii,
RUSSIAN, bk, Teplo- i massoobmen, Vol 1, 1965.
CFSTI TT 67-51367
NASA TT F-431

Sci/Phys
Jan 68

348,315

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5



Flow in Channels with Permeable Walls, by I. S. Koshmarov, L. I. Baranova, 6 pp.
RUSSIAN, per. Teplo- i Massoperenos, Vol 1, 1965, pp 131-135. PIC0362767
FTD-HT-66-518

Sci-Physics
Jan 68

348,622

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Hydrodynamics and Heat Exchange of Twirled Flow Between Two Coaxial Cylinders, by V. N. Zmeykov, B. P. Ustimenko, 15 pp. RUSSIAN, per, Teplo- I Massoperenos, Vol 1, 1965, pp 148-163. P100:20968-V
FTD-MT-66-175

Sci/Phys
Sept 68

366,629

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Experimental Investigation of Friction and Heat Exchange at Flow of Gas in Diffused Channel with Cooled Walls in the Presence of Combustion, by P. N. Romanenko, A. N. Oblivin, 9 pp.
RUSSIAN, per, Teplo- I Massoperenos, Vol 1, 1965, pp 164-171. P100220968-V
FTD-MT-66-175

Sci/Phys
Sept 68

366,630

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Generalization of Dependences Pertaining to Heat Transfer and to Loss of Pressure During Transverse Flow of Gas Past a Bundle of Finned Tubes, by I. Vampola, 10 pp.
RUSSIAN, per. Teplo- I Massoperenos, Vol 1, 1965, pp 260-269. P100:20968-V
FTD-MT-66-175

Sci/Phys
Sept 68

366,631

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Nonsteady Flows in Tubes, by I. S. Kochenov and Yu. N. Kuznetsov, 9 pp.
RUSSIAN, per, Teplo- i Massoperenos, Vol 1, 1965, pp 306-314.
P1002558668-V
FTD-HT-23-776-67

Sci-Physics
Oct 68 366,170

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

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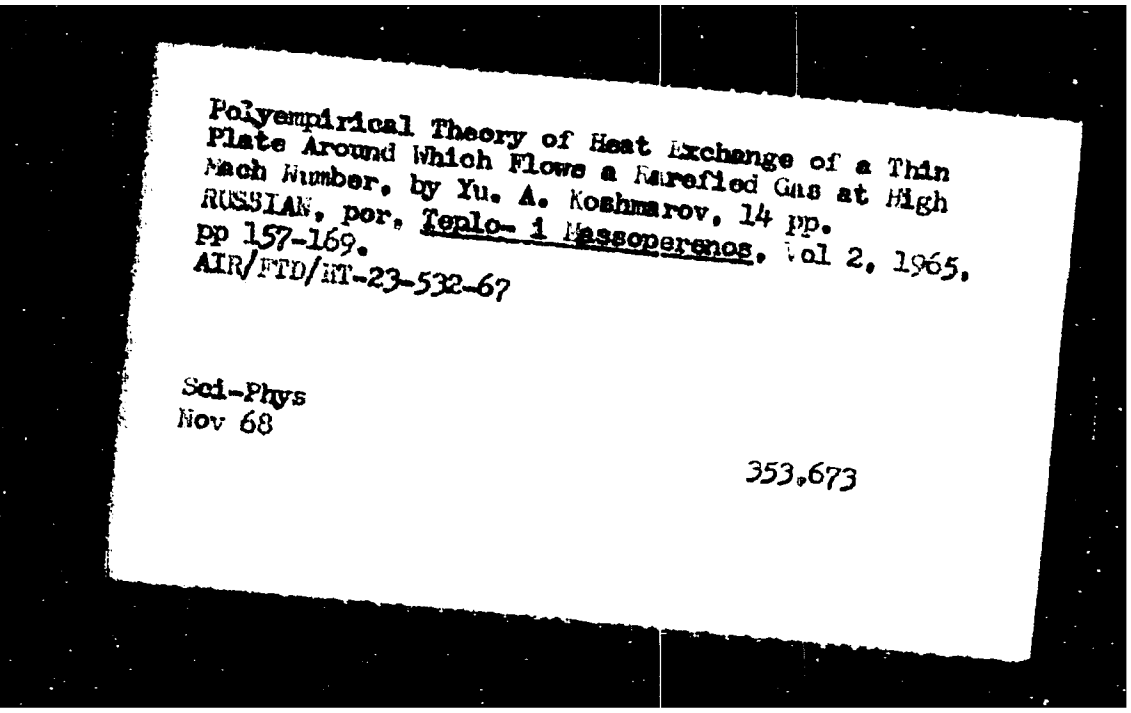

Polyempirical Theory of Heat Exchange of a Thin Plate Around Which Flows a Rarefied Gas at High Mach Number, by Yu. A. Koshmarov, 14 pp.
RUSSIAN, por. Teplo- i Massoperenos, Vol 2, 1965, pp 157-169.
AIR/FTD/HT-23-532-67

Sci-Phys
Nov 68

353,673

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

The Transfer of Heat from a Plate in the Supersonic Flow of Rarefied Air, by Yu. A. Koshmarov, N. M. Gorskaya, 18 pp. RUSSIAN, per. Teplo-i Massoperenos, Vol 2, 1965, pp 170-188.
AIR/FTD/HT-23-1381-67

Sci-Phys
Jan 69

370,882

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Friction and Heat Exchange in a Turbulent Boundary Layer on a Porous Surface During Injection of Drop-Forming Liquids and Gases, by P. N. Romanenko, Yu. P. Semenov.
RUSSIAN, rpt, Teplo- i Massoperenos, Vol 2, 1965, pp 280-289.
AIR/FTD/MT-24-115-68 AD 679 540

Sci-Phys
Feb 69

372,932

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

A Study of the Turbulent Boundary Layer Formed on the Streamlining of a Plate by a Flow of a Compressible Gas With Heat Transfer, by L. M. Zysina-Molozhen, I. N. Soskova, 9 pp.
RUSSIAN, per, Teplo- i Massoperenos, Vol 2, 1965, pp 305-312.
AIR/FTD/HT-23-775-67

Sci/Phys
Jan 69

353,245

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Application of the Theory of Similarity in a Statistical Analysis of the Anisotropy of Turbulence, by S. G. D'Yakonov, A. G. Usmanov, 7 pp. RUSSIAN, per, Teplo- i Massoperenos, Vol 2, 1965, pp 369-376. AIR/FTD/HT-23-775-67

Sci/Phys
Jan 69

353,246

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

The Use of Integral Relationships for an Approximate Solution of Problems in Fluid Mechanics and Heat Exchange During Propagation of Jets of Incompressible Fluid Along a Flat Wall, by N. V. Kliyentov, 13 pp.
RUSSIAN, per. Teplo- i Massoperenos, Vol 2, 1965, pp 420-432.
AIR/FTD/HT-23-970-67

Sci-Phys
Nov 68

353,680

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Heat Exchange During Condensation of Potassium and Sodium Vapor, by V. I. Subbotin, M. N. Ivanovskiy. RUSSIAN, per, Teplo i Massoperenos, 1966, 10 pp.
P100247568-V
FTD-MT-24-54-68

Sci-Phys
Oct 68

369,384

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Some Aspects of Boundary-Layer Theory with Physico-chemical Transformations on the Surface of a Body, by Ye. P. Vaulin.
RUSSIAN, per, Teplo i Massoperenos, Vol 2, 1966, pp 198-208.
Dept of Navy/APL/JHU T-2284

Sci-Phys
Aug 69

388,706

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Investigation of the Structure of Surface of Burning of Model Mixtures of Solid Fuels, by P. F. Pokhil, L. D. Romodanova, 7 pp
RUSSIAN, per, Teplo- I Massoperenos, Vol 4, 1966, pp 183-190
P100164768-V
FTD-MT-24-248-67

Sci-Chemistry
Sep 68

364,146

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Self-Ignition and the Induction Period of a Drop of Liquid Fuels, by F. A. Agafonova, M. A. Gurevich.
RUSSIAN, rpt, Teplo- i Massoperenos, Vol 4, 1966, pp 241-251.
AIR/FTD/MT-24-130-68 AD 679 516

Sci-Prop & Fuels
Feb 69 372,930

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Mass Exchange During Burning of Condensed Mixtures,
by B. N. Bakhman, 7 pp.
RUSSIAN, per, Teplo- I Massoperenos, Vol. 4,
1966, pp 252-258. P10017 3968-V
FTD-MT-24-210-67

Sci/Chem
Aug 68

364,801

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

The Disturbance of Normal Conditions of the Burning of Porous Charges of Explosive Substances, by V. K. Bobolev, I. A. Karpukhin, 7 pp
RUSSIAN, por, Teplo- I Massoperenos, Vol 4, 1966, pp 273-278
P100164768-V
FTD-MT-24-248-67

Sci-Prop/Fuels
Sep 68

364,147

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Calculation of the Temperature Fields in a Blade of a High-Temperature Gas Turbine During Internal Cooling, by L. M. Zysina-Moloshen & M. P. Polyak. RUSSIAN, per, Teplo-i Massoperenos, Vol 6, 1966, pp 261-271.
*NASA TT F-11,183

Sci/Prop & Fuels
Mar 68

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Heat Transfer from the Gas to the Blade Surface Under Realistic Conditions of Gas-Turbine Operation, by Ye. R. Plotkin & Ye. I. Molchanov.
RUSSIAN, per, Teplo-i Massoperenos, Vol 6, 1966, pp 284-290.
*NASA TT F-11,446

Sci/Phys
Mar 68

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

An Ultrasonic Technique for Determining the Thermodynamic Properties of Argon at Low Temperatures, by I. S. Radovskii. RUSSIAN, per, Teplo-Massoperenos, Vol 7, 1966, pp. 152-63.
NLL Ref: RTS 4923

Sci-Phys
July 69

~~377,730~~
387430

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

L. M. Zysina-Molozhen

Study of heat exchange and drag during a turbulent flow of compressible gas. 17 pp.
RUSSIAN, Teplo- i Massoperenos, Vol 1, 1968, pp 86-100
AIR/FTD-MT-24-1525-72

jan 73

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Heat and Mass Transfer, (Collection of Articles), by A. V. Lykova, B. M. Smol'skogo, et al. 491 pp. RUSSIAN, Mk, Teplo- i Massoperenos, Vol 2, 1968, pp 1-397.
AIR/FTD/TT-23-819-68

sci/physics
nov 69

397,010

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Heat and Mass Transfer, by A. V. Lykova, B. M. Smol'skiy. 1-243 pp. Part 1 of 3 RUSSIAN, Bk, Teplo- I Massoobmen, Vol 7, 1968, pp 1-609.
AIR/FTD/MT-23-820-68 Part 1 of 3

sci/physics
jan 70 390,860

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Heat and Mass Transfer, by A. V. Lykova, B. M. Smol'skoyo. 244-462 pp. Part 2 of 3 RUSSIAN, Mk, Teplo- I Massoobmen, Vol 7, 1968, pp 1-609.
AIR/FTD/MT-23-820-68 Part 2 of 3

sci/physcs
jan 70 399,861

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Heat and Mass Transfer, by A. V. Lykova, B. M. Smol'skogo. 463-649 pp. Part 3 of 3 RUSSIAN, bk, Teplo- I Massoperenos, Vol 7, 1968, pp 1-609.
AIR/MED/MP-23-820-68 Part 3 of 3

sci/pat/isds
Jan 70

399,862

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Numerical Solutions for Problems of Heat Transfer in a System of Solids With Moving Boundaries and in a Stream of Viscous Liquids, by N. I. Nikitenko, 8 pp.
TEPLO I MASSOPERENOS, Vol 8, 1968.
ARM/FSTC/HT-23-1018-72

Feb 73

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Convective Heat Transfer in the Presence of Heterogeneous Catalytic Reactions,
by V.P. Motulovich, 9 pp.
RUSSIAN, per. Teplo-i Massoperenos, Vol 10, 1968.
ACSI-K-2076
FSTC-HT-23-1496-72

May 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

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Proceedings of Heat and Mass Transfer Conference
various authors
collection: "Teplo-i Massoperenos. Vol 10, Minsk,
1968. 423 pages

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

HEAT AND MASS TRANSFER DURING THE ATOMIZATION OF LIQUID. SURVEY PAPER

LEONCHIK, B. LANGUAGE-RU COUNTRY-UR

TEPLO-I MASSOPERENOS, VOL 11, MINSK, 1968, PP 899-902

FSTC-HT-23-2550-72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Use of Methods of Quasistable Regular and Stable Modes for Determination of Heat Transfer Coefficients at High Temperatures, by V. G. Petrov-Denisov, 6 pp.
RUSSIAN, per, Teplo-Massoperenos, Dokl Vses Soveshch, No 7, 3rd, 1968, pp 369-375.
ARM/FSTC/HT-23-1055-72

Aug 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

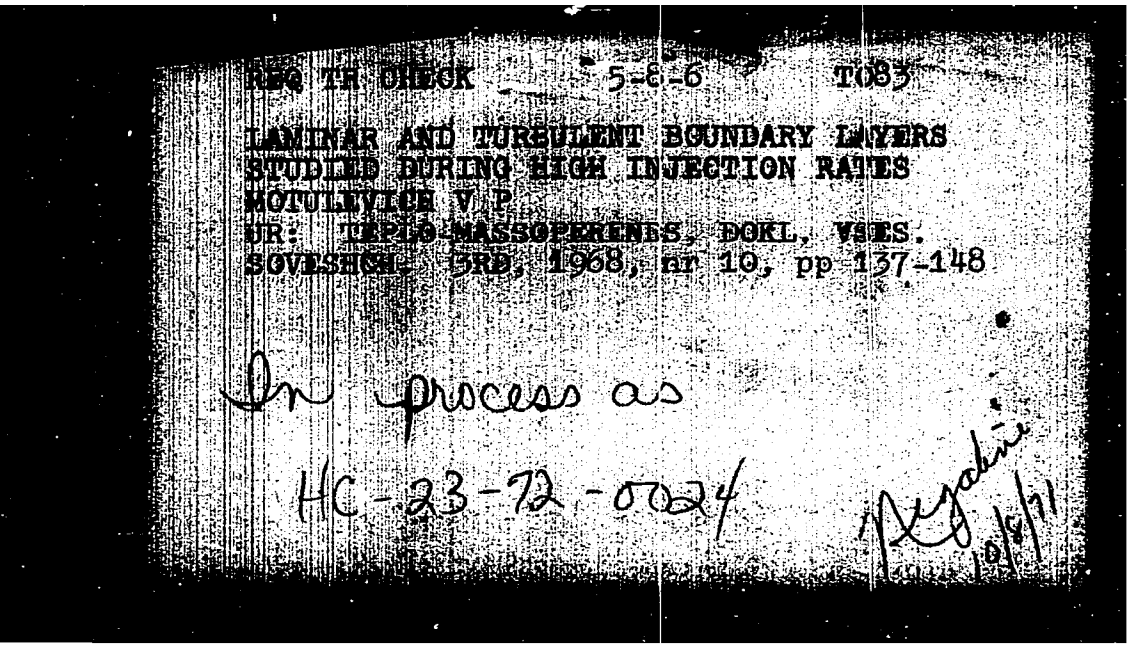
APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Electrochemical Measurement of Friction in a Flow of Trickling Liquid, by V. P. Popov, 7 pp.
RUSSIAN, per, Teplo i Massoperenos, Dokl., Vses. Soveshch, 3rd, Vol 10, 1968, pp 108-114
AIR/FTD-HT-23-1213-71

Mar 72

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5



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LAMINAR AND TURBULENT BOUNDARY LAYERS STUDIED DURING HIGH INJECTION RATES

MOTULEVICH V P

UR: TEPLO-MASSOPERENOS, DOKL, VTES. SOVESHCH 5TH, 1968, nr 10, pp 137-148

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APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Heat and Mass Transfer in an Electromagnetic Field, by Ye. Ya. Blum, P. V. Zake, et al. 256 pp. RUSSIAN, bk, Teplo- i Massoobmen v Elektromagnitnom Pole (Akademiya Nauk Latviyskoy SSR. Fiziko-Energeticheskiy Institut), 1967, AIR/FTD/MT-23-255-69

sci/physics
feb 70 401,146

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

The Nature of Electric Field Effect on Heat Exchange in Fluid Dielectrics, by S. S. Kravets. 7 pp.
RUSSIAN, bk, Teploi Massoobmen v Khimicheskoy Tekhnologii, 1967, pp 110-115.
NASA TT-F-13560

TTC - 72-11542-2CM

July 71

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

Heat and Mass Transfer, Volume I - Convective Heat Exchange in a Homogeneous Medium.
RUSSIAN, bk. Teplo- i Massoperenos, Konvektivnyi Teploobmen v Odnorodnoi Srede, 1965.
CFTSI
NASA TT F-431
NSF TT 67-51367

Sci-Mech, Ind, Civil and Mar Engr
Jan 68

348,378

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5

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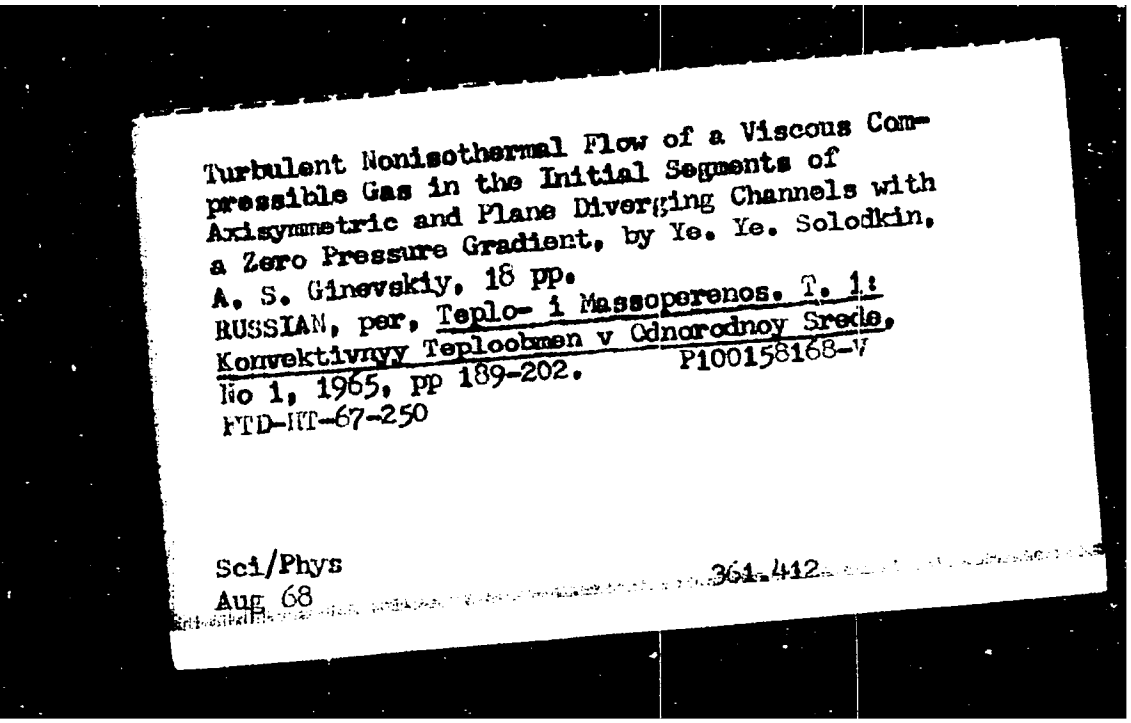

Turbulent Nonisothermal Flow of a Viscous Compressible Gas in the Initial Segments of Axisymmetric and Plane Diverging Channels with a Zero Pressure Gradient, by Ye. Ye. Solodkin, A. S. Ginevskiy, 18 pp.
RUSSIAN, per, Teplo- i Massoperenos. T. 1: Konvektivnyy Teploobmen v Odnorodnoy Srede, No 1, 1965, pp 189-202. P100158168-V
FTD-HT-67-250

Sci/Phys
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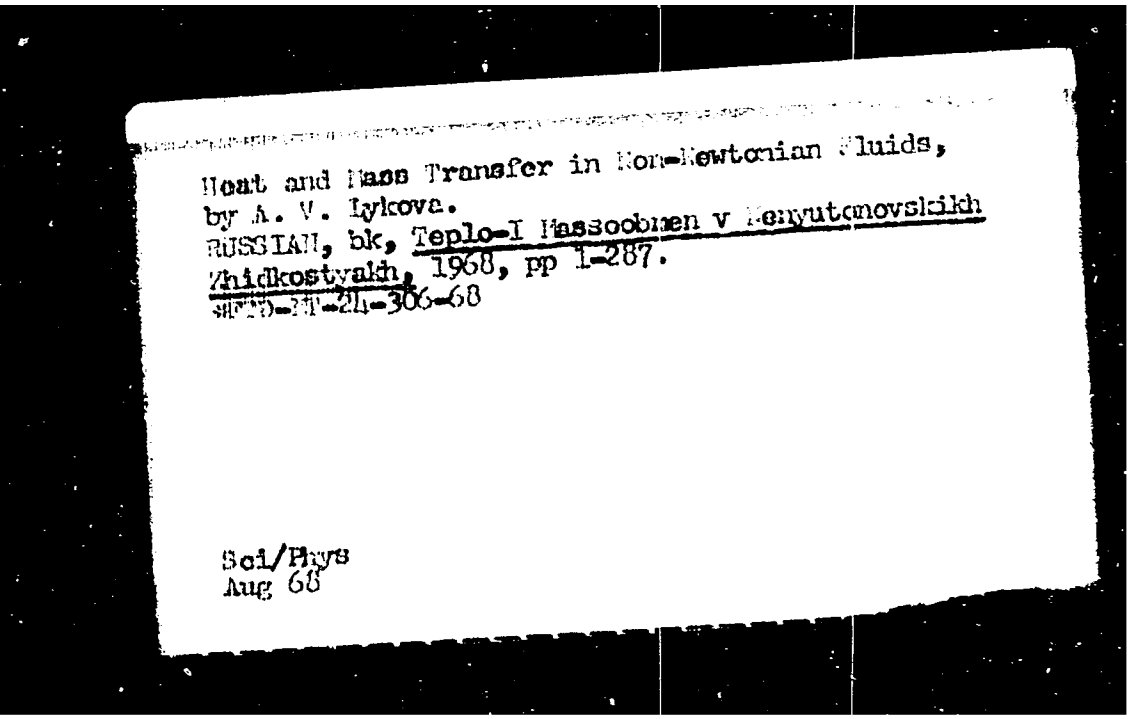

Heat and Mass Transfer in Non-Newtonian Fluids,
by A. V. Lykova.
RUSSIAN, bk, Teplo-I Massoobmen v Nenyutonovskikh
Zhidkostyakh, 1968, pp 1-287.
AEC-tr-24-306-68

Sci/Phys
Aug 68

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HEAT AND MASS TRANSFER OF CAPILLARY POROUS SOLIDS IN FLOWING RAREFIED GAS
LYKOV A V; VASILYEV L L
UR: TEPLO-MASSOOBMEN NIZK. TEMP. 1970,
pp 5-24

Process in as
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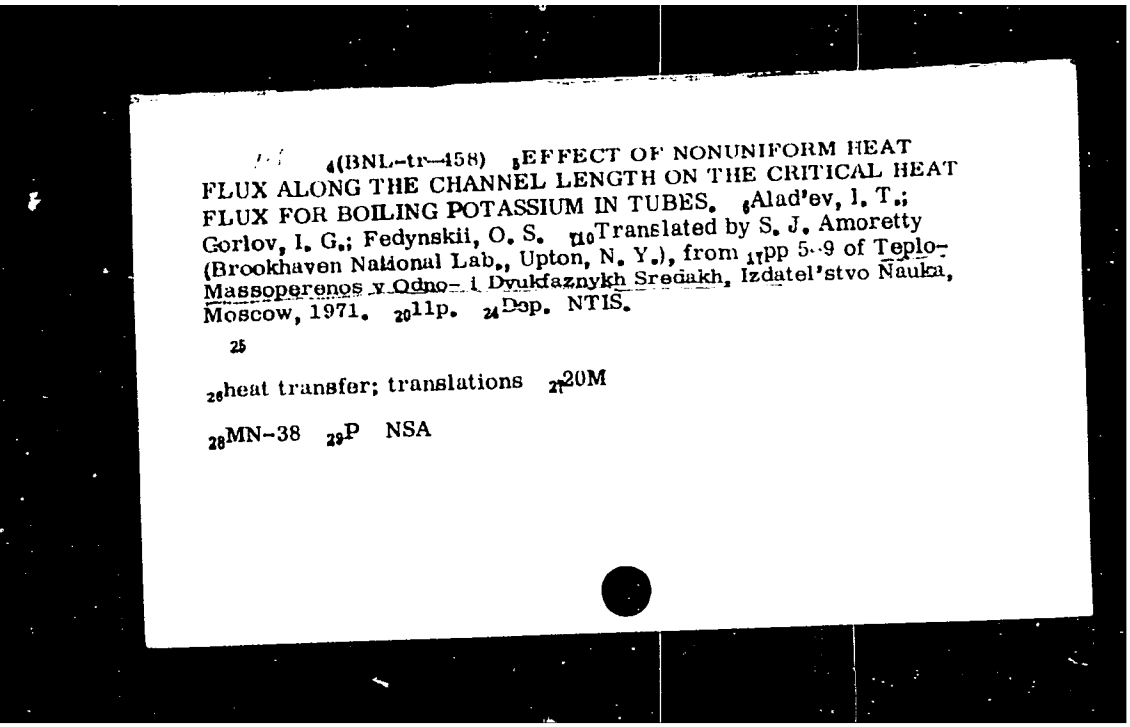

(BNL-tr-158) EFFECT OF NONUNIFORM HEAT FLUX ALONG THE CHANNEL LENGTH ON THE CRITICAL HEAT FLUX FOR BOILING POTASSIUM IN TUBES. Alad'ev, I. T.; Gorlov, I. G.; Fedynskii, O. S. Translated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.), from pp 5-9 of Teplo-Massoperenos v Odno- i Dvukfaznykh Sredakh, Izdatel'stvo Nauka, Moscow, 1971. 11p. Dep. NTIS.

heat transfer; translations 20M

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Heat Transfer in a Reacting Porous Body During Filtration of a Gas, by G. A. Fateyev, 16 pp. RUSSIAN, per, Teplo-i Massoobmen Pri Fazovykh i Khimicheskikh Prevrashcheniyakh, 1968, pp 100-113.
FTD-MT-24-1223-71

Aug 82

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201470009-5